BS – Biology: Life Science Teacher Certification (SC-BS/BIO/SCED/TLS) 2019 Catalog year: College of Science and Engineering

This is not an official degree audit and it is subject to change. This chart is intended to be used by students who start out at Texas State. Please contact the College of Science Undergraduate Advising Center for advising.

**Note:** In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

**KEY:**
- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisites.
- Courses taught specific semesters are indicated with the following codes: F-Fall, S-Spring
- Required WI courses: BIO 4416, ENG 3303
- Additional WI courses: BIO 3308, 4420, 4446, 4454

**Core courses must be completed:**
- **US 1100**
- **COMM 1310**
- **PHIL 1305 or 1320**
- **ENG 1310**
- **ENG 1320**
- **ENG 2310-2360**
- **HIST 1310**
- **HIST 1320**
- **ART/DAN/MI/TH 2313**
- **PHYS 2320**
- **ANTH 1312/EKO 2301/EKO 2314/GEOL 1310/PSY 1300/PSY 1300/SOCI 1310**

US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.

**BS - BIology: Life Science Teacher Certification (SC-Bs/BIO/SCED/TLS) 2019 Catalog year: College of Science and Engineering**

**Freshman Fall Semester:**
- BIO 1330 (F,S,Su)
- BIO 1130 (F,S,Su)
- Functional Biology

**Freshman Spring Semester:**
- BIO 1331 (F, S)
- BIO 1131 (F, S)
- Organizational Biology

**Sophomore Fall Semester:**
- PHYS 1315 (F,S,Su)
- PHYS 1115 (F,S,Su)
  General Physics I

**Sophomore Spring Semester:**
- PHYS 1325 (F,S,Su)
- PHYS 1125 (F,S,Su)
  General Physics II

**Junior Fall Semester:**
- ENG 3303 Technical Writing

**Junior Spring Semester:**
- BIO 4408 (S)
  Science Processes & Research
  or
  BIO 4305 (F)
  Nature Study
  (see advisor for guidance)

**Senior Fall Semester:**
- BIO 4416 (F, S)
  General Ecology

**Senior Spring Semester:**
- BIOL 4301 (F, S)
  Evolution

**Choose one set:**
- MATH 2321 (F,S,Su) & MATH 2328 (F,S,Su)
- MATH 2471 (F,S,Su) & MATH 2472 (F,S,Su)
- MATH 2321 (F,S,Su) & MATH 2331 (F,S,Su)

**4 hours from:**
- BIO 2400 (F,S)
  Microbiology
- BIO 2411 (S)
  Zoology

**Optional:**
- BIO 2450 (F,S,Su)
  Genetics
- BIO 4240 (F,S,Su)
  Botany

**Block experience:**
- RDG 3323
- CI 4343
- CI 4370

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**Student Teaching:**
- EDST 4681 Student Teaching

**Additional Requirements:**
- Must have a 2.75 overall GPA for all COSE courses and no grade less than C. Must be admitted to the Education Preparation Program.